

# Lift cables

## SABIX® Lift

Lift control cable with sisal cord as suspension unit



marking example:  
SAB BRÜCKSKES · D-VIERSEN · SABIX® Lift 24 x 1,0 mm² CE

**Application:** Our halogen-free lift cables are used whenever there are highest safety requirements, especially in public buildings and institutions as for example department stores, hospitals, railway and airport institutions, etc.

**Construction:**

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	special SABIX®
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334 and a green-yellow earth wire
<b>Strain relief:</b>	sisal cord
<b>Stranding:</b>	sisal cord as core, optimized twisting of the conductors in layers
<b>Wrapping:</b>	non-woven tape on each layer with overlap wrapping
<b>Torsion protecting:</b>	special braid
<b>Sheath material:</b>	thermoplastic special elastomer
<b>Sheath colour:</b>	black (RAL 9005)

**Technical data:**

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage:</b>	core/core 2000 V
<b>Min. bending radius:</b>	15 x d
<b>Temperature range</b>	
<i>fixed laying:</i>	-40/+90 °C
<i>flexible application:</i>	-30/+90 °C
<b>Halogen-free:</b>	acc. to 60754-1 + VDE 0482-754-1
<b>Fire performance:</b>	no flame propagation acc. to IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25 cat. C resp. D, see chapter N „Technical data“
<b>Suspended height:</b>	up to 60 m
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

- Outstanding features:**
- » halogen-free
  - » long service life
  - » elevated economic efficiency
  - » flame retardant and self-extinguishing

**Possible on request:**  
with total copper braiding  
with different conductor and sheath colours

item no.	no. of cores x cross section n x mm <sup>2</sup>	medium outer-ø ø mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20 °C max. Ω/km
53900710	5 x 1,00	10,7	48,0	132	19,5
53900710	7 x 1,00	11,2	67,2	160	19,5
53900910	9 x 1,00	12,4	86,4	199	19,5
53901210	12 x 1,00	14,4	115,2	261	19,5
53901810	18 x 1,00	19,9	172,8	421	19,5
53902410	24 x 1,00	19,9	230,4	491	19,5
53903010	30 x 1,00	20,9	288,0	581	19,5

Other dimensions and colours are possible on request.

- » Please pay attention to the installation instructions in chapter N „Technical data“
- » You will find a life cycle test SABIX® Lift in chapter N „Technical data“